

Acheron

Engineering, Environmental & Geologic Consultants

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Memorandum

To: Paul Mitnik, PE, Maine DEP

From: William Ball, Acheron

Date: March 25, 2005

Re: Summer 2004 Dissolved Oxygen Data, Androscoggin River, Shelburn, NH and Bethel, ME

**Cc: Dave Bishop, FraserPapers
Tammie Lavoie, FraserPapers
Andy Fisk, Bureau Director, Land and Water Bureau, Maine DEP**

Dear Paul:

Dave Bishop and Tammie Lavoie asked me to forward the dissolved oxygen and temperature data obtained by Acheron during the summer of 2004 at sampling sites on the Androscoggin River at Shelburn, New Hampshire and Bethel, Maine. The data is contained on the next page of this memo.

If you have any questions regarding these data, please contact Dave Bishop, Tammie Lavoie or myself.

I know you have been busy so I hope you are well.

Bill

<p align="center"><i>Androscoggin River</i> 2005 Dissolved Oxygen and Temperature Data, Maine/New Hampshire Border Shelburn, New Hampshire and Bethel, Maine</p>						
Location	Date	D.O. (mg/l)	Water Temp. (Deg. C)	Weather	Time	Samplers
Bethel Bridge	6/16/2004	7.4	19.3 C	Sun, 65 F	6:47 AM	RAS & KJB
Shelburn	6/16/2004	7.5	19.1 C	Sun, 65 F	7:40 AM	RAS & KJB
Bethel Bridge	6/16/2004	8.9	20.1 C	Sun, 70 F	11:18	RAS & KJB
Shelburn	6/16/2004	7.3	19.1 C	Sun, wind picked up	10:09	RAS & KJB
Location	Date	D.O. (mg/l)	Water Temp. (Deg. C)	Weather	Time	Samplers
Bethel Bridge	6/23/2004	7.9	17.8	60 F, sun with few clouds	7:15	RAS
Shelburn	6/23/2004	8.3	18.6	69 F sun with clouds	8:15	RAS
Bethel Bridge	6/23/2004	8.5	18.9	cloudy with wind	10:55	RAS
Shelburn	6/23/2004	8.4	18.7	cloudy, cool	9:48	RAS
Location	Date	D.O. (mg/l)	Water Temp. (Deg. C)	Weather	Time	Samplers
Bethel Bridge	6/30/2004	8.6	19.3	Sun, clear skies, 60 F	7:03	RAS
Shelburn	6/30/2004	8.9	19.5	sun, light wind	7:50	RAS
Bethel Bridge	6/30/2004	8.4	19.8	sun with clouds, some wind	10:30	RAS
Shelburn	6/30/2004	8.9	19.7	sun with clouds and wind	9:30	RAS
Location	Date	D.O. (mg/l)	Water Temp. (Deg. C)	Weather	Time	Samplers
Bethel Bridge	7/7/2004	7.9	20.2	Sun, no clouds	7:00	RAS
Shelburn	7/7/2004	7.3	20.1	Sunny, windy	7:55	RAS
Bethel Bridge	7/7/2004	8.0	20.4	Sun	10:15	RAS
Shelburn	7/7/2004	7.3	20.2	Sun	9:30	RAS
Location	Date	D.O. (mg/l)	Water Temp. (Deg. C)	Weather	Time	Samplers
Bethel Bridge	7/14/2004	8.6	19.3	Raining, cold with clouds	7:30	RAS
Shelburn	7/14/2004	7.8	19.3	Wind, drizzle, cold	8:15	RAS
Bethel Bridge	7/14/2004	8.2	19.3	Overcast, cool	10:44	RAS
Shelburn	7/14/2004	7.8	19.4	Rain, cold	9:50	RAS
Location	Date	D.O. (mg/l)	Water Temp. (Deg. C)	Weather	Time	Samplers
Bethel Bridge	7/21/2004	7.8	21.2	cloudy	7:10	RAS & KTG
Shelburn	7/21/2004	7.2	21.8	cloudy	7:40	RAS & KTG
Bethel Bridge	7/21/2004	8.4	21.7	sunny mix clouds	10:10	RAS & KTG
Shelburn	7/21/2004	7.2	21.9	warm, cloudy	9:50	RAS & KTG
Location	Date	D.O. (mg/l)	Water Temp. (Deg. C)	Weather	Time	Samplers
Bethel Bridge	7/28/2004	8.4	20.3	cool, cloudy	7:40	RAS
Shelburn	7/28/2004	7.6	20.6	cool, cloudy	8:30	RAS
Bethel Bridge	7/28/2004	8.5	20.5	cool, cloudy	11:15	RAS
Shelburn	7/28/2004	7.7	20.6	overcast	10:40	RAS
Location	Date	D.O. (mg/l)	Water Temp. (Deg. C)	Weather	Time	Samplers
Bethel Bridge	8/4/2004	7.5	22.5	cloudy, cool	7:30	RAS & IAH
Shelburn	8/4/2004	7.4	23.3	cloudy, cool	8:15	RAS & IAH
Bethel Bridge	8/4/2004	7.5	23.3	sun and clouds	10:40	RAS & IAH
Shelburn	8/4/2004	7.1	23.3	sun with clouds	9:45	RAS & IAH
Location	Date	D.O. (mg/l)	Water Temp. (Deg. C)	Weather	Time	Samplers
Bethel Bridge	8/11/2004	8.1	21.2	Cool, Drizzly	7:20	RAS & IAH
Shelburn	8/11/2004	7.3	21.5	Cool, drizzly, cloudy	8:00	RAS & IAH
Bethel Bridge	8/11/2004	7.9	21.2	cloudy, cool	10:20	RAS & IAH
Shelburn	8/11/2004	7.2	21.6	Overcast, breezy	9:30	RAS & IAH
Location	Date	D.O. (mg/l)	Water Temp. (Deg. C)	Weather	Time	Samplers
Bethel Bridge	9/1/2004	8.6	19.9	mostly clear, sunny	7:20	IAH
Shelburn	9/1/2004	8.8	20.1	sunny, few clouds	8:00	IAH
Bethel Bridge	9/1/2004	8.3	20.2	partly cloudy, windy	9:40	IAH
Shelburn	9/1/2004	8.3	20.4	partly cloudy, windy	10:30	IAH